M 6.2, 19 km WSW of Falam, Myanmar
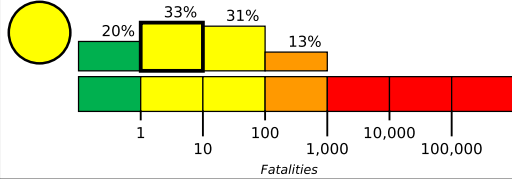
Origin Time: 2021-11-25 23:45:41 UTC (Fri 06:15:41 local)
Location: 22.8217° N 93.5200° E Depth: 42.7 km

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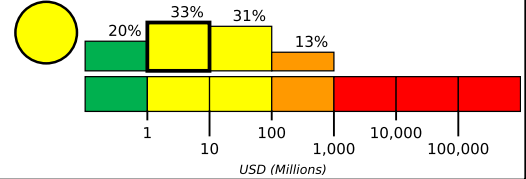Created: 2 weeks, 0 days after earthquake

Estimated Fatalities

Yellow alert for shaking-related fatalities and economic losses. Some casualties and damage are possible and the impact should be relatively localized. Past yellow alerts have required a local or regional level response.

Estimated economic losses are less than 1% of GDP of Burma.
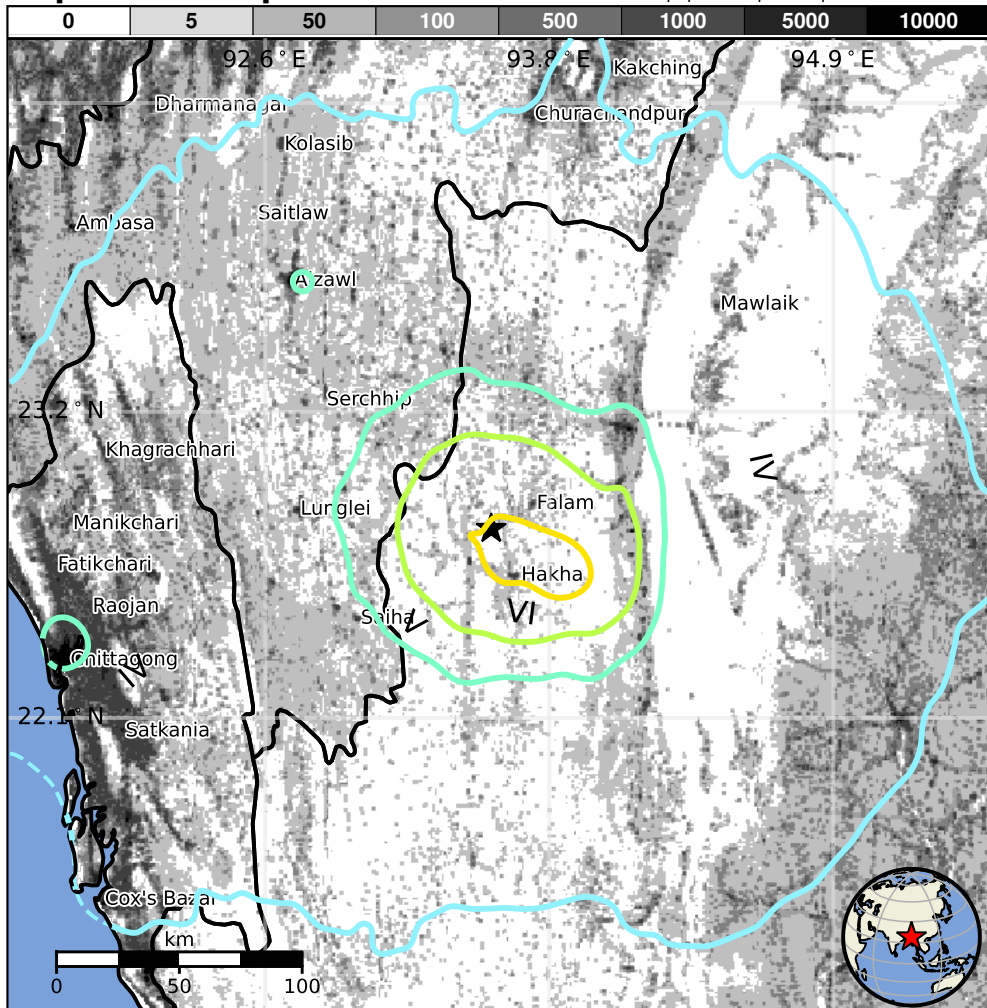
Estimated Economic Losses

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		–*	7,433k*	13,977k	4,142k	228k	35k	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan

Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are adobe block with wood and rubble/field stone masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2001-12-19	333	4.5	V(5,307k)	0
1999-07-22	208	5.2	VII(859k)	6
1984-12-30	216	6.0	IX(4k)	20

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	**Hakha**	**20k**
VI	**Falam**	**5k**
V	North Vanlaiphai	3k
V	**Chittagong**	**3,920k**
V	**Aizawl**	**265k**
IV	Khawhai	3k
IV	**Cox's Bazar**	**254k**
IV	Monywa	182k
III	Pakokku	127k
III	Myingyan	142k
III	Maulavi Bazar	57k

bold cities appear on map. (k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage.
Limitations of input data, shaking estimates, and loss models may add uncertainty.
https://earthquake.usgs.gov/earthquakes/eventpage/us7000fx45#pager

Event ID: us7000fx45